

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------------------------------|---|------------------|---------|------------------|
| S2 | 918 | identif\$10 near2 speaker\$5 | USPAT | OR | OFF | 2005/06/01 08:09 |
| S3 | 77 | "381"/\$.ccls. and S2 | USPAT | OR | OFF | 2005/05/24 14:54 |
| S4 | 953 | identif\$10 near2 \$5speaker\$5 | USPAT | OR | OFF | 2005/05/24 15:07 |
| S5 | 95 | "381"/\$.ccls. and S4 | USPAT | OR | OFF | 2005/05/24 14:55 |
| S6 | 1242 | identif\$10 near2 \$5speaker\$5 | US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/24 15:07 |
| S7 | 642 | S6 and audio | US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/24 15:08 |
| S8 | 356 | pcm and pwm | USPAT | OR | OFF | 2005/05/24 15:08 |
| S9 | 156 | S8 and (\$5speaker\$5 or transduc\$5) | USPAT | OR | OFF | 2005/05/24 15:09 |
| S10 | 687 | dac and pwm | USPAT | OR | OFF | 2005/05/26 14:37 |
| S11 | 136 | S10 and (speech or voice) | USPAT | OR | OFF | 2005/05/26 14:15 |
| S12 | 197 | pcm and pwm and (voice or speech) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/26 14:38 |
| S13 | 6 | indentif\$10 near2 speaker\$5 | USPAT | OR | OFF | 2005/05/31 12:58 |
| S14 | 3847 | pwm with mode\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 13:02 |
| S15 | 263 | (pwm with mode\$5) and (pcm or dac) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 13:23 |
| S16 | 4 | (pwm with pcm with mode\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 13:34 |

| | | | | | | |
|-----|------|--|---|----|-----|------------------|
| S17 | 330 | output\$5 with ((pulse near2 code) or pcm) with ((pulse near2 width) or pwm) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 13:57 |
| S18 | 0 | (output\$5 near2 terminal) and pcm and pwm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 13:58 |
| S19 | 156 | (output\$5 near2 terminal) and pcm and pwm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 13:58 |
| S20 | 167 | (output\$5 near2 terminal\$21) and pcm and pwm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 13:58 |
| S21 | 2375 | pwm with current with output | USPAT | OR | OFF | 2005/05/31 15:19 |
| S22 | 166 | S21 and (audio or speech or voice) | USPAT | OR | OFF | 2005/05/31 15:05 |
| S23 | 2799 | pwm with current with output | US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 15:19 |
| S24 | 125 | S23 and (speech or voice or audio) | US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 15:45 |
| S25 | 40 | windbond.as. | USPAT | OR | OFF | 2005/05/31 15:48 |
| S26 | 3661 | oki.as. | USPAT | OR | OFF | 2005/05/31 15:48 |
| S27 | 13 | S26 and pwm | USPAT | OR | OFF | 2005/05/31 15:50 |
| S28 | 2019 | (state near2 register) with (output) | USPAT | OR | OFF | 2005/05/31 15:52 |
| S29 | 337 | S28 and (audio or voice or speech) | USPAT | OR | OFF | 2005/05/31 15:51 |
| S30 | 17 | S29 and pwm | USPAT | OR | OFF | 2005/05/31 15:51 |
| S31 | 1127 | (state near2 register) with (output) | US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 15:52 |

| | | | | | | |
|-----|-------|---|---|----|-----|------------------|
| S32 | 33 | S31 and pwm | US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 15:57 |
| S33 | 0 | jaztek.as. | USPAT | OR | OFF | 2005/05/31 15:58 |
| S34 | 1 | jaztek.as. | US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 16:20 |
| S35 | 53 | select\$5 with pwm with automatic\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/31 16:21 |
| S36 | 7135 | automatic\$5 with (\$5speaker\$5 or transducer\$2 or headphone\$5) | USPAT | OR | OFF | 2005/06/01 08:47 |
| S37 | 504 | S36 and (pwm or (pulse near2 width)) | USPAT | OR | OFF | 2005/06/01 08:47 |
| S38 | 170 | S37 and (audio or speech or voice) | USPAT | OR | OFF | 2005/06/01 08:11 |
| S39 | 9773 | automatic\$5 with (\$5speaker\$5 or transducer\$2 or headphone\$5) | US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/01 08:47 |
| S40 | 183 | S39 and (pwm or (pulse near2 width)) | US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/01 09:02 |
| S41 | 218 | 381/111.ccls. | USPAT | OR | OFF | 2005/06/01 09:02 |
| S42 | 11 | S41 and (pwm or (pulse near2 width)) | USPAT | OR | OFF | 2005/06/01 09:15 |
| S43 | 89782 | current with voltage with output\$5 | USPAT | OR | OFF | 2005/06/01 09:16 |
| S44 | 1451 | current with voltage with output\$5 with (\$5speaker\$5 or headphone\$2 or transducer\$5) | USPAT | OR | OFF | 2005/06/01 09:16 |
| S45 | 557 | S44 and integrated | USPAT | OR | OFF | 2005/06/01 09:17 |
| S46 | 140 | S45 and (audio or speech or voice) | USPAT | OR | OFF | 2005/06/01 09:17 |
| S47 | 162 | pwm with dac | USPAT | OR | OFF | 2005/06/01 11:39 |
| S48 | 108 | pwm with dac | US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/01 11:45 |
| S49 | 2359 | output with (state near2 register\$2) | USPAT | OR | OFF | 2005/06/01 11:45 |
| S50 | 400 | S49 and (speech voice audio) | USPAT | OR | OFF | 2005/06/01 11:45 |

| | | | | | | |
|-----|------|--|---|----|-----|------------------|
| S51 | 227 | 700/94.ccls. | USPAT | OR | OFF | 2005/06/01 15:49 |
| S52 | 1 | S51 and pwm | USPAT | OR | OFF | 2005/06/01 15:50 |
| S53 | 55 | S51 and pulse | USPAT | OR | OFF | 2005/06/01 15:54 |
| S54 | 324 | "330"/\$.ccls. and pwm | USPAT | OR | OFF | 2005/06/01 16:00 |
| S55 | 29 | "330"/\$.ccls. and pwm and pcm | USPAT | OR | OFF | 2005/06/01 16:00 |
| S56 | 910 | "330"/\$.ccls. and speaker\$5 | USPAT | OR | OFF | 2005/06/01 16:07 |
| S57 | 63 | "330"/\$.ccls. and (speaker\$5 with configur\$6) | USPAT | OR | OFF | 2005/06/01 16:56 |
| S58 | 785 | winbond.as. | USPAT | OR | OFF | 2005/06/01 16:56 |
| S59 | 64 | S58 and (speech or voice or audio) | USPAT | OR | OFF | 2005/06/01 16:56 |
| S60 | 59 | speaker near2 connections | US-PGPUB | OR | OFF | 2005/06/02 08:34 |
| S61 | 288 | speaker near2 connections | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/02 08:35 |
| S62 | 8581 | preset with voltage with output | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/06 08:29 |
| S63 | 489 | S62 and pwm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/06 08:29 |
| S64 | 6 | S63 and (\$5speaker\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/06 08:30 |